

LISTING OF THE CLAIMS

A complete listing of the claims is provided below. The listing of claims will replace all prior versions, and listing, of claims in the application.

1. (Currently Amended) A method of displaying automotive service data on a diagnostic tool, comprising the steps of:
 - displaying a list of performance measurements, descriptions and values;
 - scrolling through said list of measurements, descriptions and values;
 - selecting a measurement from said list;
 - displaying a graphical representation of said selected measurement over time; and
 - arranging the order in which said measurement descriptions and values are displayed in said displaying step, wherein the order is arranged by at least one of a technician and an end user in any desired order.
2. (Canceled)
3. (Previously presented) The method of claim 1 further comprising the step of selecting the font for at least one entry in said list of performance measurements.
4. (Original) The method of claim 3 wherein said selected font differentiates said entry from the other entries in said list.

5. (Original) The method of claim 4 wherein said selected font is a different color from the other entries in said list.
6. (Original) The method of claim 1 further comprising the step of selecting the performance measurement to be displayed in said list from a group of available measurements.
7. (Original) The method of claim 6 further comprising the step of receiving said performance measurement values from a vehicle onboard computer.
8. (Original) The method of claim 1 further comprising the step of varying the time axis of the graphical representation of said selected measurement over a portion of said measurement before displaying said graphical representation.
9. (Original) The method of claim 8 wherein said varying step includes expanding the time axis over a discrete portion of said axis.
10. (Original) The method of claim 9 wherein said performance measurements are engine performance measurements.
11. (Original) The method of claim 1 further comprising the step of moving selected performance measurement descriptions and values to the top of said list to arrange the order in which the entries are listed.

12. (Currently Amended) Apparatus for displaying automotive service data, comprising:
- a display screen;
 - a pair of switches that receive input directing data to scroll up and down on said display screen;
 - a selection switch for selecting a data item displayed on said display screen; and
 - a graphics program for generating a first graphical representation of said selected data over time, said graphics program further producing a second graphical representation by varying a time axis of the first graphical representation of said selected data over a portion of said data and simultaneously displaying the first graphical representation and the second graphical representation on said display screen, wherein said graphics program can vary the length of the time axis driving different intervals of the performance measurement.
13. (Original) The apparatus of claim 12 wherein said pair of switches and said selection switch share a single input button on said apparatus.
14. (Original) The apparatus of claim 12 wherein said display screen is a touch screen.
15. (Original) The apparatus of claim 12 wherein said display screen is an LCD screen.
16. (Canceled)

17. (Currently Amended) Apparatus for displaying automotive service data, comprising:

display means for displaying a list of engine performance data comprising engine performance measurements;

selection means for selecting at least one of said engine performance measurements from said data to be displayed in a graphical representation; ~~and~~

graphing means for generating a first graphical representation of said selected at least one engine performance measurements over time, said means for graphing further producing a second graphical representation by varying a time axis of the first graphical representation of said selected at least one engine performance measurements over a portion of said data and simultaneously displaying the first graphical representation and the second graphical representation on said means for displaying; and

arranging means for arranging the order of said engine performance measurements,
wherein the arranging means enables at least one of a technician and an end user to arrange said engine performance measurements in any desired order.

18. (Currently amended) The apparatus of claim 17, further comprising input means for receiving data representative of said engine performance measurement from a vehicle on board computer.

19. (Original) The apparatus of claim 18 further comprising port means for receiving programs for converting data received from said on board computer for display.

20. (Original) The apparatus of claim 19 wherein said port receives a flash card.

21. (Currently amended) A method of displaying automotive service data on a diagnostic tool, comprising the steps of:

displaying a list of performance measurements, descriptions and values;

scrolling through said list of measurements descriptions and values;

selecting a measurement from said list;

displaying a first graphical representation of said selected measurement over time;

arranging the order in which said measurement descriptions and values are displayed in said displaying step, wherein the order is arranged by at least one of a technician and an end user in any desired order;

producing a second graphical representation by varying a time axis of the first graphical representation of said selected measurement over a portion of said measurement; and

simultaneously displaying the first graphical representation and the second graphical representation.

22. (Previously presented) The apparatus of claim 12 wherein said selected data is an engine performance measurement.